

prosthetic procedure

IMPLANT	HEALING ABUTMENT	PROVISIONAL	SUPPORT SYSTEM	COPYING SYSTEM	ANALOG FOR LABORATORY	PLASTIC CYLINDER	ABUTMENT	ABUTMENT CONICAL
Ø 3,25 mm	HEALING ABUTMENT Ø 3,25 H 2 mm MVG32 H 4 mm MVG34	PROVISIONAL ABUTMENT Ø 3,25 Ø 5,5 mm PMD32		TRANSFER COPYING Ø 3,25 H 8 mm MTP83 H 11 mm MTP113	IMPLANT ANALOG Ø 3,25 MAG3	PLASTIC CYLINDER WITH TITANIUM BASE Ø 3,25 H 0,5 mm CAMT305K	ABUTMENT TITANIUM Ø 3,25 Ø 5,5 mm H2 MMD32 Ø 5,5 mm H4 MMD34	ABUTMENT Ø 3,25 17° H2 MA1701K 30° H2 MA3301K
MVTT3		MVM3 SCREW FOR PROSTHETIC MVMLB SCREW FOR LABORATORY		SCREW H 8 mm VTP803 H 11 mm VTP1103		MVM3 SCREW FOR PROSTHETIC MVMLB SCREW FOR LABORATORY	SCREW MVM3 FOR PROSTHETIC MVMLB FOR LABORATORY	HEALING SCREW MA VGSUMU TRANSFER MA TRAMU ANALOG MA ANAMU
one two			ABUTMENT MYTH BALL Ø 3,25 H 2 mm MMS32 H 4 mm MMS34				GOC001 ORC001	
		PROVISIONAL FOR CONNECTOR 20° PMDT20	CONNECTOR TITANIUM 20° H 0,5 mm CON32005 H 2 mm CON3202 H 3 mm CON3203 H 4 mm CON3204	TRANSFER CONNECTOR 20° H 11 mm TMC20	ANALOG CONNECTOR 20° AMC 20	PLASTIC CYLINDER FOR CONNECTOR 20° CAMC20K	CAP CONNECTOR 20° CAPMCT20K CAP CONNECTOR 40° CAPMCT40K	CASTABLE ABUTMENTS MA MUCC
		PROVISIONAL FOR CONNECTOR 40° PMDT40	CONNECTOR TITANIUM 40° H 0,5 mm CON34005 H 2 mm CON3402 H 3 mm CON3403 H 4 mm CON3404	SCREW VTPC25 TRANSFER CONNECTOR 40° H 11 mm TMC40	ANALOG CONNECTOR 40° AMC 40	PLASTIC CYLINDER FOR CONNECTOR 40° CAMC40K	CAP CONNECTOR 20/40° CAPMCT	ABUTMENT TI MA MUMT
		SCREW VCM265				SCREW VCM265	SCREW VCM265	
Ø 4 mm	HEALING ABUTMENT Ø 4 H 2 mm MVG42 H 4 mm MVG34	PROVISIONAL ABUTMENT Ø 4 Ø 5,5 mm PMD42		TRANSFER COPYING Ø 4 / Ø 5 H 8 mm MTP84 H 11 mm MTP114	IMPLANT ANALOG Ø 4 / Ø 5 MAG4	PLASTIC CYLINDER WITH TITANIUM BASE Ø 4 / Ø 5 H 0,5 mm CAMT405K	ABUTMENT TITANIUM Ø 4 / Ø 5 Ø 5,5 mm H2 MMD42 Ø 5,5 mm H4 MMD44	ABUTMENT Ø 4 17° H2 MA41701K 30° H2 MA43001K
MVTT4		PROVISIONAL ABUTMENT Ø 5 Ø 5,5 mm PMD52		SCREW H 8 mm VTP803 H 11 mm VTP1103		MVM3 FOR PROSTHETIC MVMLB SCREW FOR LABORATORY	SCREW MVM3 FOR PROSTHETIC MVMLB FOR LABORATORY	HEALING SCREW MA VGSUMU TRANSFER MA TRAMU ANALOG MA ANAMU
one two			ABUTMENT MYTH BALL Ø 4 / Ø 5 H 2 mm MMS42 H 4 mm MMS44				GOC001 ORC001	
		PROVISIONAL FOR CONNECTOR 20° PMDT20	CONNECTOR TITANIUM 20° Ø 4 / Ø 5 H 0,5 mm CON42005 H 2 mm CON4202 H 3 mm CON4203 H 4 mm CON4204	TRANSFER CONNECTOR 20° H 11 mm TMC20	ANALOG CONNECTOR 20° AMC 20	PLASTIC CYLINDER FOR CONNECTOR 20° CAMC20K	CAP CONNECTOR 20° CAPMCT20K	CASTABLE ABUTMENT MA MUCC
		PROVISIONAL FOR CONNECTOR 40° PMDT40	CONNECTOR TITANIUM 40° Ø 4 / Ø 5 H 0,5 mm CON44005 H 2 mm CON4402 H 3 mm CON4403 H 4 mm CON4404	SCREW VTPC25 TRANSFER CONNECTOR 40° H 11 mm TMC40	ANALOG CONNECTOR 40° AMC 40	PLASTIC CYLINDER FOR CONNECTOR 40° CAMC40K	CAP CONNECTOR 40° CAPMCT40K CAP CONNECTOR 20/40° CAPMCT	ABUTMENT TI MA MUMT
		SCREW VCM265				SCREW VCM265	SCREW VCM265	
Ø 5 mm	HEALING ABUTMENT Ø 5 H 2 mm MVG32 H 4 mm MVG34	PROVISIONAL FOR CONNECTOR 20° PMDT20	CONNECTOR TITANIUM 20° Ø 4 / Ø 5 H 0,5 mm CON42005 H 2 mm CON4202 H 3 mm CON4203 H 4 mm CON4204	TRANSFER CONNECTOR 20° H 11 mm TMC20	ANALOG CONNECTOR 20° AMC 20	PLASTIC CYLINDER FOR CONNECTOR 20° CAMC20K	CAP CONNECTOR 20° CAPMCT20K	CASTABLE ABUTMENT MA MUCC
MVTT5		PROVISIONAL FOR CONNECTOR 40° PMDT40	CONNECTOR TITANIUM 40° Ø 4 / Ø 5 H 0,5 mm CON44005 H 2 mm CON4402 H 3 mm CON4403 H 4 mm CON4404	SCREW VTPC25 TRANSFER CONNECTOR 40° H 11 mm TMC40	ANALOG CONNECTOR 40° AMC 40	PLASTIC CYLINDER FOR CONNECTOR 40° CAMC40K	CAP CONNECTOR 40° CAPMCT40K CAP CONNECTOR 20/40° CAPMCT	ABUTMENT TI MA MUMT
one two		SCREW VCM265				SCREW VCM265	SCREW VCM265	

OVER DENTURE

EQUATOR RHEIN

FOR Ø 3,25
H 0,5 mm M3 OT0005
H 1 mm M3 OT001
H 2 mm M3 OT002
H 3 mm M3 OT003
H 4 mm M3 OT004
H 5 mm M3 OT005
H 6 mm M3 OT006
H 7 mm M3 OT007

FOR Ø 4 - 5 - 6
H 0,5 mm M4 OT0005
H 1 mm M4 OT001
H 2 mm M4 OT002
H 3 mm M4 OT003
H 4 mm M4 OT004
H 5 mm M4 OT005
H 6 mm M4 OT006
H 7 mm M4 OT007

MA OTAV



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perfect harmony between
nature and science



one&two

MYTH[®]
DENTAL IMPLANT

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Myth[®] is a new generation implantological system, the result of a group of researchers experience who identified the complexities of wide spread devices and planned an innovative high profile implant. Myth[®] presents high tech innovations, regarding both the functional design and the materials used. Nowadays it symbolizes the most advanced and modern implantology resource for prosthetic goods. Myth[®] ensures high quality raw materials used for the production thanks to the continuous selection of suppliers and the strict internal check procedures. Two versions of Myth[®] are produced: ONE with cylindrical geometry and TWVO with conical geometry.

building materials

Myth[®] is made of titanium grade 4. Titanium has a relative density of 4,5 g/cm³ and a very low thermal conductivity. It is characterized by a very high strength of materials and the elongation at break at 12%. The elastic modulus is relatively low and similar to that of bones. Titanium grade 4 has the best global characteristics of all the pure titanium varieties (grades) combining the workability and, consequently, precision typical of low degrees, with the higher degrees superior mechanical features. The most important characteristics of this metal are the high corrosion resistance and the high biocompatibility.

double etched surface

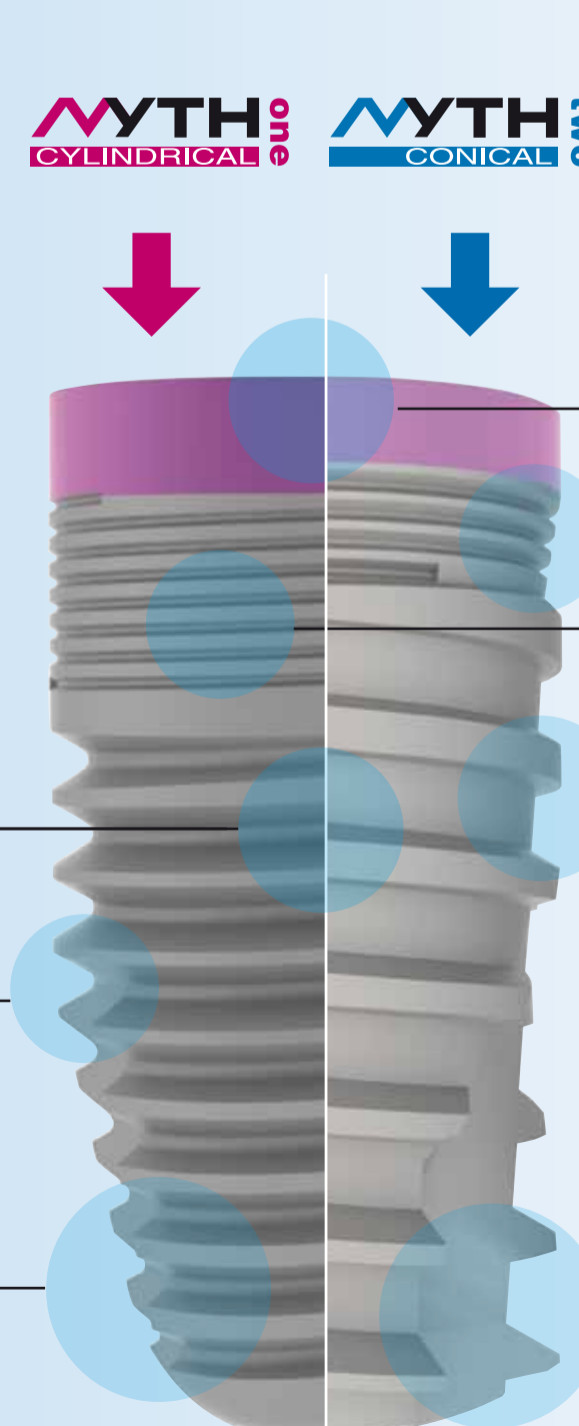
Myth[®] has a special "Double Etching" treatment on its surface, which produces a micro rough surface with peaks distance of the order of micrometers. The special roughness value due to Double Etching enables platelet activation and clot retention. Besides, it stimulates cells osteogenic activity and ensures quick bone regeneration. After the Double Etching process, the device is submitted to a careful cold plasma (Argon) treatment (atomic inert gas bombardment and magnetic field within a reactor) that ensures complete contaminant removal. We use the Double Etching treatment to stimulate as naturally as possible the implant inside the tissue.

cylindrical implant one[®]

The profile of the Myth One device is constant along the whole length. For the Ø3,25 mm and Ø4 mm system, the shape is 0,35 mm high and 0,6 mm pitch while for the Ø5mm system the shape is 0,55 mm high and 0,75 mm pitch. The shape Myth One profile is atraumatic and self threading, despite the fact that the crest is not very high and provides a good primary stability.

cylindrical geometry

Myth One has a cylindrical shape, however, to facilitate the use and integration and improve the self-tapping ability, the 3 mm device features a portion where the outer diameter and the diameter of the body follow a slight taper.



gum

For both Myth One and Two the neck is characterized by a smooth anodized area to ensure a further aesthetic value to the device in case of scant gum tissue.

microspires

For both devices, the neck surface has microgrooves to facilitate bones and device movements, avoiding resorption due to overburden and stimulating bone tissue formation by adequate loads. The correct biological stimulation maintains a healthy crestal bone and avoids epithelium downgrowth. The whole portion of the microspire is round and atraumatic to the patient.

spires for the conic device two

The profile of the Myth two conic shape is ideal for immediate load. The external diameter of the device is the same for its whole length while the diameter of the body of the device differs; on the top there is a 4° conicity. The pitch of the conical shape is 1mm and is the same for every Myth two systems.

conical geometry

The Myth two device has an external cylindrical diameter while the body diameter has a 4° conicity on the top. The special conical shape of the device Myth two enables the surgeon to insert the device with a low load torque which gradually increases towards the end of the insertion phase.

Ø 3,25 mm

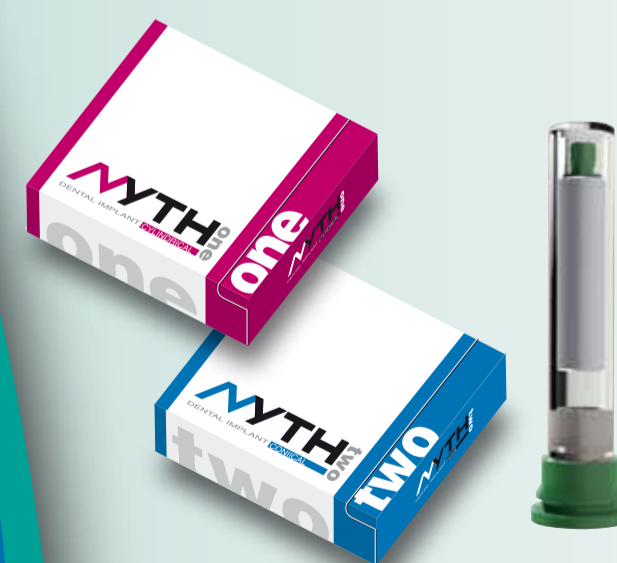
Ø 4 mm

Ø 5 mm

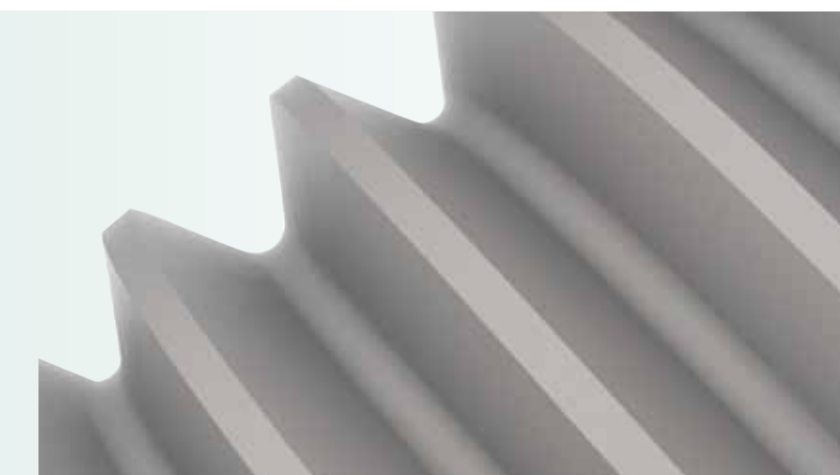
connections

Maipek created Myth One and Myth Two, two devices adaptable to the same components, in order to simplify the prosthetic components. The devices with the diameter 3,25 mm, in contrast to the diameters 4 and 5 mm, have a smaller hexagon and tightening screw, the same for any device. The connection is hexagonal, straight and 2 mm deep, and is able to carry heavy masticatory loads. Fixtures match with abutment with anatomic shapes able to exalt the principles of Switch Platform, especially in the device with the diameter 5 mm.

packaging



The special Myth[®] packaging includes a blister, a plastic vial, a titanium protection and a cover screw. The "primary container" blister is hermetically sealed through thermo soldering while the "secondary container" vial is hermetically sealed through two medical silicon caps. The cover screw is in the cap, external to the vial and to be removed it is screwed off. In the packaging, the device is found inside a titanium protective cylinder that prevents the device surface from possible polluting contaminant particles. On the packaging there is the name of the item that identifies the kind of device, whether it is conical or cylindrical and a labeling that provides information about the size of the diameter, the length, the batch number, the date of manufacturing and the date of sterilization expiration date.

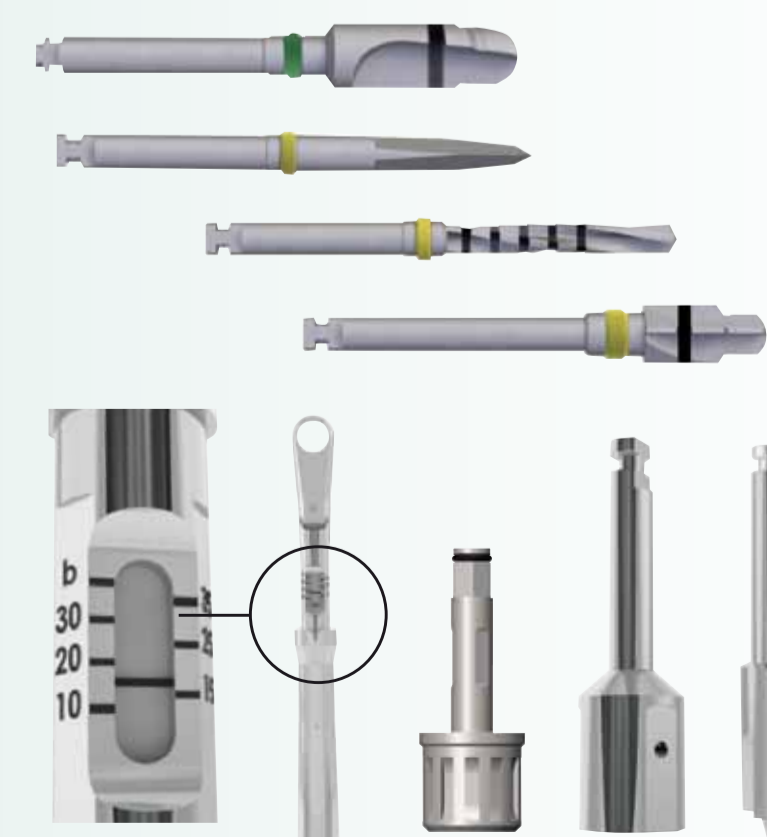


accessories for the surgical procedure

The implantological device Myth[®] is set up with complete surgical instruments, respecting current protocol standards. The accessories for the surgical procedure are made of high quality materials (medical steel 17-4 ph hardened and electropolished) and ensure precision and reliability.

DLC Diamond Like Carbon

Cutters are coated with a DLC Diamond Like Carbon treatment, an innovative coating made of carbon with a broad spectrum of application and that allows to face problems linked to abrasion, scrolling and chemical aggression. The DLC is deposited thanks to the PACVD (Plasma Assisted-Chemical Vapor Deposition) technology that allows to keep the storage temperature low and, at the same time, to ensure an excellent adhesion. The high hardness arises from the simultaneous presence of hybridized carbon sp² (graphite) and sp³ (diamond).



diameter

MYTH^{one}
CYLINDRICAL Implant

DIAMETER Ø 3,25 mm

length	code
8,5 mm	MC385
10 mm	MC310
12 mm	MC312
14 mm	MC314

DIAMETER Ø 4 mm

length	code
8,5 mm	MC485
10 mm	MC410
12 mm	MC412
14 mm	MC414

DIAMETER Ø 5 mm

length	code
8,5 mm	MC585
10 mm	MC510
12 mm	MC512
14 mm	MC514

MYTH^{two}
CONICAL Implant

DIAMETER Ø 3,25 mm

length	code
8,5 mm	MK385
10 mm	MK310
12 mm	MK312
14 mm	MK314

DIAMETER Ø 4 mm

length	code
8,5 mm	MK485
10 mm	MK410
12 mm	MK412
14 mm	MK414

DIAMETER Ø 5 mm

length	code
8,5 mm	MK585
10 mm	MK510
12 mm	MK512
14 mm	MK514